DV-MFSS-71

7 x 1 Multi-Format Seamless Scaling Switcher

FSR

Video Products Group

DESCRIPTION

Introducing the DV-MFSS-71 from FSR. This 7 x 1 Seamless Switcher has been designed to address the needs of the corporate, education, medical, and houses of worship fields. It can be easily operated from the front panel or remotely with a Flex Control System to create a powerful and cost effective switching system.

The DV-MFSS-71 features 4 HDMI, 1 Display Port, 1 DVI and 1 HD-15 video inputs. The HDMI inputs are HDCP compliant and accept resolutions up to 4K 2160p (3840x2160) @30Hz. The HD-15 input supports VGA, RGB, and YPbPr input up to 1080p.

The DV-MFSS-71 has an HDCP compliant output that supports resolutions up to 4K 2160p (3840x2160) @30Hz. Each of the inputs is scaled to match the output resolution and switching between them is seamless and instantaneous, meaning no still frame or black screen during switching.

The HDMI, DisplayPort, and DVI inputs have embedded audio along with analog stereo inputs. The VGA also has an analog stereo input. There is an additional analog input that is mixed into the audio output for voice over program applications. All analog audio inputs are via captive screw terminals. The HDMI inputs support 7.1 multichannel embedded audio; Display Port supports embedded stereo audio. The audio can follow the video during switching or can be switched separately in breakaway mode. Audio outputs are available either embedded on the HDMI port, via the multi-channel digital coaxial, or via stereo analog out connectors.

FEATURES

- 7 x 1 seamless scaling switcher
- 4 x HDMI, 1 x DisplayPort, 1 x DVI (DVI-I Connector Digital Only), 1 x RGB/YPbPr (HD-15)
- Each source input is automatically scaled to match the optimal output resolution
- HDCP compliant.
- Seamless rapid switching between any of the 7 inputs.
- Each video input also has an unbalanced stereo audio input via captive screw terminals
- Additional Mix Stereo Audio Input Available
- Easy-to-use front panel control, Web GUI, IR, RS- 232 and IP control as well.
- Can be controlled via FSR's FLEX Touch Panel Control System with pre-made templates available
- 1 RU Height, 19" width standard enclosure, rack mountable design

COLLABORATION SOLUTIONS

These switchers can be easily integrated with FSR's line of HuddleVU collaboration systems and furniture solutions. They can also be easily controlled via our FLEX Control Systems.

HUDDLEVU   **FLEX**

APPLICATIONS

- Classrooms
- Boardroom / Conference Rooms
- Collaboration and Huddle Areas
- House of Worship

FSR Inc.

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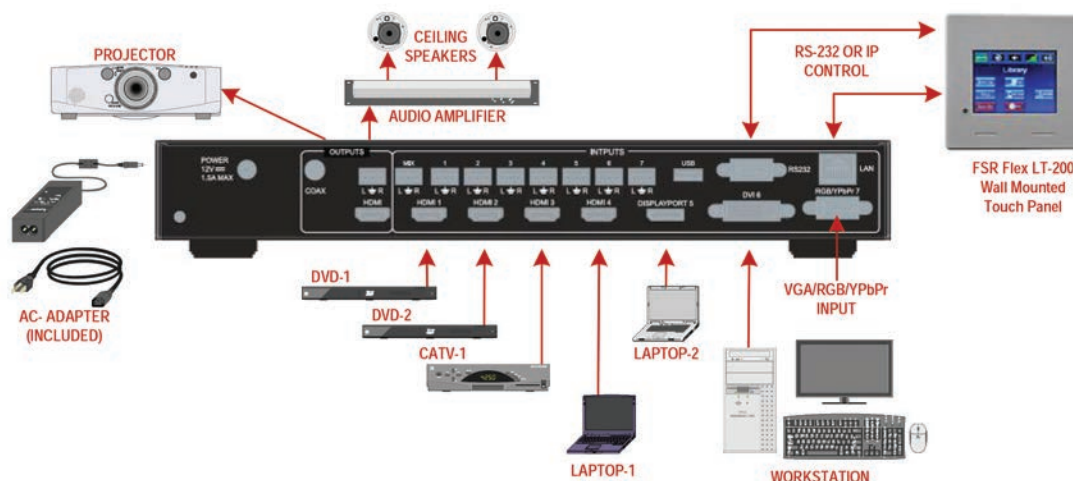Web: www.fsrinc.com · E-mail: sales@fsrinc.com

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE   **HDCP**   **GREEN**

Specifications are subject to change without notice.

SPECIFICATIONS

Supported Formats	
HDMI & DisplayPort Inputs	Supports HDMI 1.4 8/10/12-bit deep color modes Resolutions up to 4K 2160p (3840x2160) @30Hz (300 Mhz) Supports MHL2.0 input resolution up to 1080p DVI operates up to 165MHz (up to UXGA@60Hz) HDMI supports uncompressed Audio Channels (7.1@ 192KHz) HDMI supports Lip Sync Supports embedded stereo audio on Display Port
DVI-I Input	Resolutions up to 2560 x 1600 @ 60Hz Display Port v1.2a complaint (Supports HBR) 2-channel L-PCM & IEC 61937 compressed audio formats
VGA / RGB / YPbPr Input	Up to 1920 x 1440 @ 60Hz
Color Space	YUV, RGB
Standards Conversion	Converts the input signal to the output EDID (E.G. DVI signal to HDMI, RGB to YCbCr 4:2:2)
HDMI Output	4K 2160p (3840 x 2160) @30Hz, 1920 x 1080 @60Hz, 1280 x 720 @60Hz, 1900 x 1200 @60Hz, 1600 x 1200 @60Hz, 1280 x 800 @60Hz, 1024 x 768 @60Hz, HDMI embedded audio output
Audio Output	Supports Multi-Channel Coaxial Supports stereo analog audio output
Connectors	
Video Input	4 x HDMI Type A 19-pin, female, 2 x DisplayPort (Full Size) 20-pin, female, 1 x VGA DB-15 15-pin, female
Video Output	1 x HDMI Type A 19-pin, female
Audio Input	7 Program audio inputs via captive screw terminals 1 Mix audio input via captive screw terminals
Audio Output	1 Stereo via captive screw terminals 1 x Optical
RS-232	1 x DB-9, female
IP Control (LAN)	1 x RJ-45
USB (Reserved)	Type A 4-pin, female
AC Power	1 x 12V, Max Current: 1.5A 110~240V AC Adapter
Operational	
Power Input	110~240V AC
Power Consumption	15W (max.)
Physical	
Dimensions (W x H x D)	17.3" x 1.7" x 10.7" (440mm x 43.5mm x 272mm)
Unit Weight	7.3 lbs (3.3 kg)

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